VENTILATION—PURE AIR.

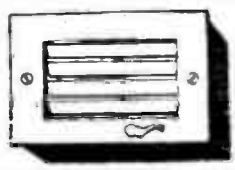
Sheringham's Ventilator, for the admission of pure air through an

EXTERNAL WALL.

With single pulley, from 16 to 60; with leading pulley, from 21 to 42. These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the house is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, sole Manufacturers, 194, Blackfriars-road, and 127, Union-street, Borough, end of all respectable Ironmongers, Builders, &c.

A PRIZE MEDAL for SUPERIOR LOCKS was awarded to J. M. HOBBS & CO. at the Great Exhibition of 1851.

REGISTERED VENETIAN VENTILATOR.



For admission of external air or carrying off impure air from rooms, from 6 to 42 inch.—Class 28, Great Exhibition.

J. H. BARRETT and CO., Ironmongers, Brass Founders, Nail and Tool Warehouses, 14, Stanhope-street, Clare-market, London. Established nearly 100 years for the sale of goods from the best manufactories at the lowest prices.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal action, and all the latest improvements

Constructed for the ventilation of apartments generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

	First size, 11 by 8.	Second size, 16 by 9
Plain Iron Valve	6 6	9 6
Bronzed and Leathered	7 0	10 6
Japanned, white with Gold lines	11 6	16 6
Ditto with Trellis-work	12 0	18 0
Brass Front, hinged, or louvered	13 6	19 6
Ditto with Trellis work	15 0	21 0

Ventilators of any description made to order.

Manufactured by HART and SONS, 83, 84, 85, Wych-street, Strand, London.—Post-office orders payable at 264, Strand.

NOIRSAIN'S VENTILATING GRATES and STOVES.—A long sought for desideratum at last obtained. Great Economy in Fuel,—entire Prevention of Smoking in Chimneys and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

The Proprietors solicit the attention of the public and scientific men to the patent apparatus,—the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 131, REGENT-STREET, to any visitor. The highest testimonials given. Prices, from Two Guineas upwards. R. KIDD, Agent.

TOZER'S PATENT VENTILATING GAS STOVE, for halls, shops, offices, &c., price 35s. This stove is constructed on the principle of ventilation, combined with economy, the consumption of gas being only 3d. for twelve hours. Its absence of all smoke and dust particularly recommends it for the use of libraries or wherever warmth is required. Also TOZER'S PATENT SUN STOVE, to burn coke, suitable for village churches, &c.—T. TOZER, Ironmonger and Manufacturer, 58, Dean street, Soho.

CUNDY'S PATENT STOVE, for Heating Churches, Institutions, &c.—The owner no longer requires its use, when an 18 inch according fire stove, with its appendages, for 7l., original cost last winter was 15l.—Apply at 4, Seam-buildings, Upper street, Islington.

NOTICE.—The Albion Ironfoundry Stove Grate Show Rooms, Arcade-road, Hwraingham, are open, exhibit assortments of the most unique and splendid designs of ornamented Stove Grates, suitable for public edifices, mansions, &c., ranging for use in bedrooms, and every description of Grate, of the most approved construction, &c., which for price and quality cannot be excelled.—JOHN PAGE, Proprietor.

MANUFACTURERS to the TRADE of COOKING STOVES, by GAS or FUEL, either close or open, Register, Kitchstic, and every description of Grate, of the best designs, including those with Fire-brick back.

Bright Stoves, for dressing-rooms.

Hot Air Stoves, for public buildings, shops, or halls, with ascending or descending flue.

Ship and Yacht Stoves, for cooking and warming.

Cranes, Jibs, &c.

Railing and Balcony Work.

Fire and Garden Engines, and every variety of Force and Lift Pumps.

Wrought Iron FIREPROOF BOOK SAFES and Deed Boxes; also in cast iron.

Iron Bedsteads and Cots of all kinds.

Hot Water and Steam applied for heating buildings of any size and description.

GRIGG and JENKINSON, in addition to the articles enumerated, manufacture all kinds of Ironwork; and as everything is executed on their own premises, under their immediate superintendence, they can offer great facilities in price, &c. They respectfully solicit a trial.

GRIGG and JENKINSON, Finsbury Iron Works, 119 and 120, Bunhill-row, London.

PRIZE MEDAL for STOVES.—The ARNOTT STOVES, exhibited by F. EDWARDS, were the only close Stoves to which a Prize Medal was awarded. The attention of architects and others is particularly invited to the Arnott Stove as being by far the cheapest and most efficient method of warming that can be adopted. The Stove is made in upwards of forty different patterns and sizes, suitable for churches, public buildings, halls, and private apartments, &c. Prices from 3l. 3s. to 25l., and upwards. A prospectus, with full particulars, send on application. Dr. Arnott's new plan of warming by hot water, by means of his Hot Water Stove has most fully succeeded in the various instances in which it has been adopted, and is recommended to the Public as being truly efficient and serviceable. F. Edwards is prepared to give Estimates for the various plans of heating by hot water, hot air, or by Arnott's Stove, and he can answer for the success of any plan suggested by him, by reference to the numerous buildings where he has already put them in operation.

F. EDWARDS, General Stove and Range Manufacturer, 64, Poland street, Oxford street, London.

GREAT EXHIBITION.—DRAWING-ROOM GRATES and FENDERS, to which the GRAND or COUNCIL MEDAL was AWARDED to J. B. BENHAM and SONS, has in addition to the above, that these beautiful Grates and Fenders, which were so universally admired for their novelty and elegance of design, may be seen in operation at their MANUFACTORY, 93, 94, 95, and 96, Quick-street, Edgware-road. Other elegant & fashionable fire-irons of their own

WARM AIR STOVES for CHURCHES, HALLS &c., simple in construction, economical in fuel, and thoroughly effective in ventilation and warming.

J. B. BENHAM and SONS' MANUFACTORY and SHOW-ROOMS, 19, WIGMORE-STREET, CAVENDISH-SQUARE.

PRIZE MEDAL for COOKING APPARATUS awarded to J. B. BENHAM and SONS.

The IMPROVED FAMILY RANGE will roast, boil, bake, fry, &c. &c., for a large family, with an average consumption of only 2 tons of coal per day. It has an open fire, is perfectly simple, and of moderate cost.

Improvement of these excellent and economical Ranges, and also of the Improved Register Stoves, Kitchen Ranges, Hot Water Apparatus, &c. &c., may be seen in operation at their MANUFACTORY and SHOW-ROOMS, 19, WIGMORE-STREET, CAVENDISH-SQUARE, where they are constantly in full operation.

J. B. BENHAM and SONS, Stove Grate and Bath Manufacturers, Iron-mongers, and Gas Engineers, &c. &c. 19, WIGMORE-STREET, CAVENDISH-SQUARE, LONDON.

CLARK and HUNT'S IRONMONGERY, STOVE and METAL WAREHOUSE, 180, Shoreditch.

Improved Self-acting Cottage Ranges, { 20 22 24 26 inch. with Large Oven and Boiler ..... { 22in. 23in. 24in. 25in.

Best Self-acting Ranges, with Oven and { 24 26 28 42 inch. Hark Boiler, Bright Wrought Bars ... { 24in. 26in. 28in. 42in.

Elliptic Stoves, with Extra Hook and Solid Bars, per inch, 8½d.

Register Stoves, with Solid Bars, per inch, 9d. Best Solar ditto, with Fire Brick Back, per inch, 10d.

Bright Stoves, with Two Pirns, 20s. to 100s. each.

Cast Rain-water Pipe { 2 3 4 inch. 6d. 10d. 1s. per yard.

Cast Gutters—4 inch, 8d. per yard. 4 4½ inch. O G Gutters ..... { 11d. 1s. per yard.

Best Cut Clasp { 1½ 2 3 3 inch. and Rose ... { 1s. 6d. 1s. 3d. 1s. 6d. 1s. 9d. 2s. per cwt.

Sheet Flooring Brads, 1s. 6d. per cwt.

Cast Loads, 3s. 6d.

4 inch 3 Bolt Rd. Ward Mortice, with best Furniture and Patent Spindles, 2s. 9d. Light Elliptic and Register Metal, 1s. per cwt.

Hot Water Pipes, 4s. 6d. per cwt.

Dr. Arnott's Ventilators, 5s. each.

An extensive stock of bar, rod, hoop, and sheet iron.

Clark and Hunt's Improved Glass Paper.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street, Finsbury-square, begs to inform the above Trades, that he has now added the business of the late Mr. WILLIAMSON to his own old-established concern, and respectfully invites an inspection of his immense stock of ironmongery, which cannot be surpassed in London, every article being of the best quality and lowest possible prices:—

Elliptic Stoves, double hooks, 2½d. per inch.

Register Stoves, 3d. 4d. 6½d. 7½d. per inch.

Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—

3 ft., 2l. 10s.; 3 ft. 6 in., 3l. 5s.; 4 ft., 3l. 15s.

3-feet Cottage Ranges, with ovens and back boilers, 30s. each.

3-feet self-acting ditto, ditto, 35s. each.

Air Bricks, 3s. 6d. per doz.—1-inch Cut Lath Nails, 1½d. 6d. per cwt.

Best Patent Cut Clasp,

1½ 2 2½ 3 3 inch and larger.

1s. 6d. 1s. 9d. 2s. 2s. 6d. 3s. per cwt.

Best Sheet Floor Brads, 1s. 6d. per cwt

Best Town Glue, 2½d. Ditto, Scotch, 3½d. per cwt.

Best Patent Sash Line.

1 2 3 4 5 6

4s. 6d. 5s. 6d. 6s. 7s. 8s. 10s. 6d. per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

TO BUILDERS, CABINET-MAKERS, and OTHERS.

Best Cut Sheet Flooring Brads, 1½ 6d. per cwt.

Fine Cut Clasp and Rose.

1s. 6d. 1s. 6d. 1s. 9d. 2s. 2s. 3d. per cwt.

1½ 2 2½ 3 inch.

Cross Garnet Hinges, per dozen pair.

2s. 3d. 3s. 3d. 4s. 4s. 3d. 5s. 7s. 9d.

10 12 14 20 in.

Best Bright Tower Bolts, per doz.

1s. 3d. 1s. 7d. 2s. 3s. 6d. 3s. 9d. 3s. 3d. 3s. 7d.

3 4 5 6 7 8 9 in.

Iron Rain-water Pipe.

9d. 10d. 1s. 1s. 3d. 1s. 6d. per yard.

2 3 3½ 4 inch.

Best London Glue, 40s. per cwt.

Cast Lath Nails, 1½ per cwt.

Air Bricks, 3s. 6d. per doz.

Hooping for bond, 6l. per ton.

Sash Weights, 5s. per cwt.

TERMS—NET CASH.

A price-list may be had on application.

A. L. PFEIL and STEDALL, Wholesale Ironmongers, Brass Foundry and Nail Warehouse, 3 and 4, Broad-street, Bloomsbury, London.

AGENTS FOR LEAN'S PATENT MORTISE LOCKS AND BOLTS.

TO BUILDERS, CARPENTERS, AND OTHERS.

BENJAMIN WALMSLEY, IRONMONGER, BRASS-FOUNDER, STOVE and RANGE MANUFACTURER, 138 and 139, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholders, blind-makers, smiths, wheelwrights, &c., at wholesale prices:—

Best Cut Sheet Flooring Brads, 1½ 6d. per cwt.

Best Cut Clasp { 1½ 2 2½ 3 3 in. and Rose ... { 1s. 6d. 1s. 9d. 2s. 2s. 3d. 2s. per cwt.

Cast Lath, 1½ 6d. per cwt.; Sash Weights, 5s. per cwt.

Sash Pulleys, 3s. per gross.

Cast Butts, per dozen pair:—6-in., 10d.; 8½-in., 1s. 8d.; 5-in., 1s. 9d.

Iron Rain-water { 2 3 3 in. pipe ..... { 6d. 10d. 1s. 1d. per yard.

Half Round { 3 4 4 in. Gutter ..... { 7d. 7½d. 9d. "

O G Gutter ..... { 4 6 8 in. { 11d. 1s. 1s. 6d. "

Air Bricks, 3s. 6d. per dozen. Hooping for Bond, 6s. 6d. per cwt.

Dr. Arnott's Ventilators, 5s. 6d. each.

Self-Acting Cottage Ranges, with Oven and Boiler, 35s. each.

3-ft. ditto, with Wrought Bars and Bright Fittings, 50s. each.

Register Stoves, with Double Backs, 6½d. per inch.

Elliptic Stoves, with Double Backs, 5½d. per inch.

Bright Register Stoves, with Two Sets of Bars, from 4l. each.

An excellent variety of Black and Bright Register Stoves kept ready for use at all seasons, to which the attention of architects and builders is respectfully invited.

A large assortment of Rim, Mortice, Drawback, Iron Gate, and other kinds of Locks and Latches. An extensive Stock of good and cheapest Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.

Finger Plates, Levers, and Bell pulls en suite.

Bar, Hoop, Sheet and Rod Iron, and Spring Steel.

The Stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade consuming Ironmongery can here select whatever they require at wholesale prices.

WALMSLEY'S, 138 and 139, LONDON-ROAD, SOUTH-WARK, six doors from the Obelisk.

TO BUILDERS, CARPENTERS, &c.

G. LEWIS, Ironmonger, Stove and Grate Manufacturer, OPPOSITE ALBERT GATE, KNIGHTSBRIDGE, has in stock every article for the supply of the trade on reasonable terms.

Best Cut Clasp.

1½ 1¾ 2 2½ 3 3in. 3d. per cwt.

1s. 1s. 3d. 1s. 6d. 1s. 9d. 2s. 3 inch.

Best Cut Flooring Brads, 1½ 6d. per cwt.

Malleable Nails, 2½ per cwt.

Tower Bolts.

1s.-6d. 1s. 3d. 2s. 6d. 3s. per dozen

3 4 5 7 inch.

Best Patent Sash Line.

4s. 4s. 6d. 5s. 6d. 7s. 9s. 10s. 6d. per gross

No. 1 2 3 4 5 6

Dr. Arnott's Ventilators, 5s. 6d., 6s. 6d. each.

Air Bricks, 3s. 6d. per dozen. Sash Weights, 5s. 3d. per cwt.

A large assortment of Ellipsis and Register Stoves, Kitchen Ranges, Pan and Mortar Leaks, Door Furniture in great variety, Bell Hanks, Levers, &c. Rain Water Pipes, Heads, and Gutters, Cabinet Brass Work and Locks in great variety.

HOT-WATER APPARATUS.—The HOT-WATER APPARATUS, and others is respectfully recommended for warming Conservatories, Greenhouses, Pits, Vineries, churches and chapels, halls, staircases, manufactories, forcing and green houses, manufactories and warehouses, villas, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years many hundreds of buildings have been heated upon this plan, and the parties to whom they were erected are constantly expressing their satisfaction, also their willingness to testify for their adoption.

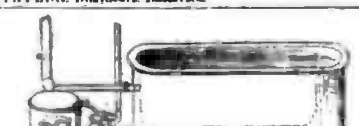
BENJAMIN FOWLER, late of 61, Dorset street, removed to the new factory, Whitefriars-street, Fleet-street.

WARMING BY HOT WATER.—J. WEEKS and CO.'s HOT WATER APPARATUS may be seen in extensive operation on their premises, King's road, Chelsea, they have also erected their apparatus for various purposes throughout the kingdom; references can be given in almost every district. They beg particularly to refer to their own establishment, and also to that of Mr. Stockton's extensive carriage repository, Halkin-street, Hyde-park-corner, where the apparatus may be seen in operation. Ornamental Pedestals and Stacks of Pipes in great variety, applicable for warming churches, mansions, entrance halls, offices, conservatories, &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any as introduced.—J. WEEKS and CO., Hot Water Apparatus Manufacturers, King's-road, Chelsea.

WARMING AND VENTILATION.—D. and E. BAILEY, 272, Holborn, having had many years' experience in Warming Buildings by Hot Water, continue to erect HOT-WATER APPARATUS on the most improved principles for Mansions, Conservatories, and other Horticultural Buildings; and they also erect Conservatories, Hothouses, &c., in wood or metal. D. and E. BAILEY invite the public to an inspection of their stock of Stoves, Fenders, Fire irons, &c., as well as a most complete and economical Portable Cooking Apparatus, or "Cottager's Stove," equally suitable for Cottage, Shooting-boxes, Yachts, or for temporary purposes.

Dr. Arnott's Ventilating Valve.

WARMING and VENTILATING.—Churches, Conservatories, Hot-houses, &c., heated by superior HOT-WATER apparatus, fitted with most efficient and simple boilers, self-feeding through the night, and requiring no fresh work. Also the THERMAUTERMON; a simple and improved Warm-air Apparatus, that is especially adapted for building requiring to be warmed only occasionally.—Apply to SPILLER and TAYLER, Engineers, Battersea.



BATHS.—J. TYLOR and SON'S REGISTERED APPARATUM, consisting of Copper or Galvanised Iron Bath (Japanned in imitation of warm's or marble), Stand in Frame complete, with Copper Circulating Boiler and Cock with Index plate for the supply and waste water. This apparatus is complete in itself, and can be fixed without the assistance of bricklayer or carpenter. A warm bath can be ready for use in less than half an hour, at the cost of 3d. for fuel. Price 16 guineas.—Apply to the Ironmongers and Plumbers, or the manufacturers, J. TYLOR and SON, Warwick-lane, London.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN and Co., St. Ann's Wharf, East-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half-round and O. G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, or to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

TO BUILDERS, IRONMONGERS, AND OTHERS.

RAIN-WATER PIPES, O G and Half-round Gutters, Sash-Weights, Railing Bars, Air Bricks &c. J. JONES, Iron Merchant, Iron-bridge Wharf, No. 6, Bankside, has the largest stock in London of the above and other castings of the very best quality. Also, cast-iron pipes for gas, water, or drainage; bends, tees, &c.; flanges and bored pipes, with all the usual connections; lamp-posts and rosettes, stable fittings, pig troughs, &c. &c.

Prices will be forwarded on application, which will be cheaper than any other house in London.

J. JONES, IRON MERCHANT, IRON-BRIDGE WHARF No 6, BANKSIDE, LONDON, near the Southwark Iron Bridge.

PRIZE MEDAL of the Great Exhibition COTTAM and HALLEN, 2, Windsley-street, Oxford-street, London.

ENAMELLED MANGERS and STABLE FITMENTS Registered. Economy, durability, appearance, cleanliness, comfort to the horse when feeding, and being rendered impervious to any infection by enamel, are some of the improvements in these fitments. No post or front bearer required in Being.—COTTAM and HALLEN, 2, Windsley street, Oxford-street, London.

PATENT WROUGHT NAILS.—These NAILS are submitted to the notice of Builders, Contractors and Ship-builders, as being superior to any others and cheaper. They have the toughness of the best hand-made nails with the greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used; being perfectly chisel-pointed, they require no boring, and will drive into the hardest wood without splitting it, and their heads being very strong do not fly off. The patent wrought nails may be had of all Ironmongers. A stock of them is kept at the warehouses of the agents, HIGGS and GEORGE, Wholesale Ironmongers, 179, Borough, London.

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